

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/009479

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B20/12 G11B27/32 G11B20/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/172117 A1 (FURUKAWA SHUNSUKE ET AL) 21 November 2002 (2002-11-21) abstract paragraphs '0001! - '0014! paragraphs '0049! - '0063! paragraphs '0139! - '0148! figures 4,15	1,2,18, 25
X	EP 0 817 195 A (SONY CORP) 7 January 1998 (1998-01-07) abstract column 1, line 3 - column 2, line 19 column 30, line 6 - column 32, line 20 figures 27,28 claim 1	1,2,18, 25

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

10 February 2005

Date of mailing of the international search report

22.03.2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 344 925 A (MEMORY CORP PLC; MEMORY CORP TECH LTD (GB)) 21 June 2000 (2000-06-21) abstract page 5, lines 15-21 page 8, line 1 - page 9, line 19 figures 6,7	1,12,25
X	WO 00/51121 A (MAIS STEFAN) 31 August 2000 (2000-08-31) the whole document	1,25
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 09, 13 October 2000 (2000-10-13) & JP 2000 173182 A (MATSUSHITA ELECTRIC IND CO LTD), 23 June 2000 (2000-06-23) abstract	1,12,25
X	EP 0 777 227 A (SONY CORP) 4 June 1997 (1997-06-04) abstract column 1, line 5 - column 3, line 11 column 19, line 33 - column 20, line 14 column 29, line 48 - column 30, line 39 column 44, line 36 - column 50, line 33 figures 1,11 claim 1	1,12,21, 25
X	DE 296 19 764 U (REHM WALTER; REGER GERD (DE); SCHILLER BERND (DE)) 16 January 1997 (1997-01-16) the whole document	1,25
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 01, 31 January 2000 (2000-01-31) & JP 11 288555 A (VICTOR CO OF JAPAN LTD), 19 October 1999 (1999-10-19) abstract	1,4,25
X	WO 02/37494 A (SONY CORPORATION; SAKO, YOICHIRO; INOKUCHI, TATSUYA) 10 May 2002 (2002-05-10) abstract	1,4,25
P,X	-& EP 1 333 438 A (SONY CORPORATION) 6 August 2003 (2003-08-06) abstract paragraphs '0057! - '0061! figure 7	1,4,25
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 152 412 A (SONY CORPORATION) 7 November 2001 (2001-11-07) abstract paragraphs '0035! - '0050! claims 1-12 claims 41-52 claims 64-80 figures 4,5	1,2,8, 18,25
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 26, 1 July 2002 (2002-07-01) & JP 2001 243704 A (AIWA CO LTD), 7 September 2001 (2001-09-07) abstract	1,12,13, 25
X	US 6 343 281 B1 (KATO TAKEHISA) 29 January 2002 (2002-01-29) abstract column 1, line 8 - column 2, line 32 column 6, line 1 - column 8, line 33 figures 2-5	27,32,38
E	EP 1 457 983 A (SONY CORPORATION) 15 September 2004 (2004-09-15) abstract paragraphs '0024! - '0036! paragraphs '0113! - '0130! claims 13,24,36,47 figures 2,14,15	1,4,25, 27,32,38

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-3

information recording medium including link information which indicates that first information and second information are related to each other

2. claims: 4-7

information recording medium including first copyright information and independent second copyright information

3. claims: 8-11

information recording medium wherein first and second information is encrypted by a first and a second encryption system, respectively

4. claim: 12

information recording medium wherein first and second information is compressed and non-compressed information, respectively

5. claims: 13-17

information recording medium comprising a plurality of pieces of second information different from each other in attribute

6. claims: 18-20

information recording medium including third management information

7. claims: 21-24,26

information recording medium including synchronous reproduction information and synchronous reproduction management information

8. claim: 25

information recording medium including at least one of audio, moving picture, still picture and text information

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

9. claims: 27-39

reproduction apparatus for reproducing first or second
information based on the decryption of first or second
management information

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2004/009479

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